EXHIBIT A

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INTEL INVENTION DISCLOSURE
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*If you are unsure of this information, please discuss with your manager. (PROVIDE SAME INFORMATION AS ABOVE FOR EACH ADDITIONAL INVENTOR)

2. Title of Invention: ____A method and acceptates for simultaneous antenna deployment and power control in a PC Card

What technology/product/process (code name) does it relate to (be specific if you can):
 Windexces Personal Windexs PC Card

4. Include several key words to describe the technology area of the invention in addition to # 3 above: _____ Page I REV. 14

•		wholess, antenne, PC Card, power switch, power control	INTEL CONFIDENTIAL
	5.	Stage of development (i.e. % complete, simulations done, test chips if any, etc.) 10% complete, in prototype hardwate development	
	6.	(e) Has a description of your invention boan, or will it shortly be, published outside Intel: NO: X YES: If YES, was the manuscript automitted for pro-publication appr IDENTIFY THE PUBLICATION AND THE DATE PUBLISHED:	ovst?
		(b) Hes your invention been used/sold or planned to be used/sold by intel or others?	
		NO: YES: X DATE WAS OR WILL BE SOLD:	

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Does this invention relate to technology that is or will be covered by a SIG (special interest group/istandard/
VO: X YES: Name of SIG/Standard/Specification:
f the invention is embodied in a semiconductor device, actual or enflored at the
to solution of anticipated date of any help tools and the
the invention conceived or constructed in contract.
the invention conceived or constructed in collaboration with amyone other than an intel blue badge employee secretions or of a project inventional control other than intell, e.g. government, other companies, unwantiliss s
invention related to any other invention disclosure that you have recently submitted? If so, plasse give the title and ors:

PLEASE READ AND FOLLOW THE DIRECTIONS ON HOW TO WRITE A DESCRIPTION OF YOUR INVENTION

Please attach a description of the invention to this form, DATED AND SIGNED BY AT LEAST ONE PERSON WHO IS NOT A NAMED INVENTOR, and include the following information:

 Describe in detail what the components of the Invention are and how the invention works.

An antenna contained in a PC card form factor that when deployed (ejectable, pop-out, swing-out, flip-out, etc.) will also trigger power to be applied to the enclosed dirouts, including the making, both mechanizatily and through software control. See figure below for a pop-out antenna illustration (preferred mode).



In this scenario, in order to use the device, a user would deploy the antenne (popped-out in above illustration) and the action results assessed the PC Gard device through total mechanical switch and setting appropriate scriptures. Conversely, when the user has completed using the release poper-conversely, when the user has completed using the release poper-conversely devices the user has completed using the release power-conversely devices and the PC Card device would both set the appropriate scripture of celes power-down sequence, as well as switch off the

Describe advantage(s) of your invention over what is done now.

To definitively and mechanically power down or cut power to a PC Card today, it must be either ejected, or an externally accessible miniature switch must be implemented (no known examples). This allows a single action in deploying an antenne which is needed in a writeness PC Card device to simultaneously apply power. And in everace, the stowage of the power,

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YOU MUST include at least one figure illustrating the invention. If the invention relates to software, include a flowchart or pseudo-code representation of the algorithm.

See above figure.

Value of your invention to intel (how will it be used?).

Will be used for wheless PC Card products as a feature differentiator. Solves a concern from mobile PC users when they need to use a wheless PC Card. For azample, wheless devices on board and alignale must be turned of durist and landing. This invention helps assure that the radio is indeed turned off as the arithme will be stowed.

 Explain how your invention is novel. If the technology itself is not new, explain what makes it different.

Antenna stowage assures radio is not emitting.

identify the closest or most pertinent prior art that you are aware of.

none

 Who is likely to want to use this invention or infringe the patent if one is obtained and how would infringement be detected?

PC Card manufacturers. Products would appear in the market, or during industry level interoperability testing.

*HAVE YOUR SUPERVISOR READ, DATE AND SIGN COMPLETED FORM

DATE

SUPERVISOR:

BY THIS SIGNING, I (SUPERVISOR) ACKNOWLEDGE THAT I HAVE READ AND UNDERSTAND THIS DISCLOSURE, AND RECOMMEND THAT THE HONORARIAM BE PAID